

Title (en)
AUTO-FOCUS IMAGE SYSTEM

Title (de)
BILDSYSTEM MIT AUTOFOKUS

Title (fr)
SYSTÈME D'IMAGES À MISE AU POINT AUTOMATIQUE

Publication
EP 2719162 B1 20160831 (EN)

Application
EP 11735546 A 20110609

Priority
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Abstract (en)
[origin: WO2012168766A1] An auto focus image system that includes a pixel array coupled to a focus signal generator. The pixel array captures an image that has a plurality of edges. The generator generates a focus signal that is a function of a plurality of edge-sharpness measures measured from each of the plurality of edges. The generator compares a sequence of gradients across the edge with one or more reference sequences of gradients and/or reference curves defined by data retrieved from a non-volatile memory. The generator determines to reject or de-emphasize the edge from contributing to the focus signal on basis of finding dissimilarity between the sequence of gradients with the reference sequences or reference curves beyond a predetermined threshold.

IPC 8 full level
G02B 7/36 (2006.01); **G03B 13/36** (2006.01); **H04N 5/232** (2006.01)

CPC (source: EP GB US)
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DOCDB simple family (publication)
WO 2012168766 A1 20121213; **WO 2012168766 A8 20140130**; **WO 2012168766 A9 20140703**; BR 112013031316 A2 20161129; CA 2838821 A1 20121213; CN 103650473 A 20140319; CN 103650473 B 20180904; DE 112011105320 T5 20140403; EP 2719162 A1 20140416; EP 2719162 B1 20160831; GB 201321654 D0 20140122; GB 2505598 A 20140305; JP 2014521990 A 20140828; JP 5920608 B2 20160525; MX 2013014257 A 20140227; MX 340988 B 20160803; SG 195323 A1 20131230

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